



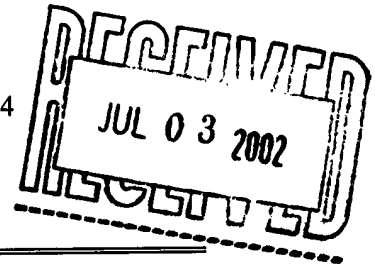
CP 28 4/2  
PATENT 7.5.2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** Mark T. Girard et al.  
**Serial No.:** 10/073,641  
**Filed:** February 11, 2002  
**For:** METHOD FOR SHUNTING  
AND RE-SHUNTING HGA  
ELECTRICAL  
INTERCONNECTS

**Group Art Unit:** 2841

**Docket No.:** AKI0005/US/4



Commissioner for Patents  
Washington, DC 20231

I CERTIFY THAT ON TUESDAY, JUNE 18, 2002, THIS PAPER IS  
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FOR PATENTS, WASHINGTON, D.C. 20231

*Barbara A. Avery*  
BARBARA A. AVERY

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to the duty of disclosure imposed by 37 C.F.R. § 1.56 and in accordance with the provisions of 37 C.F.R. §§ 1.97, 1.98 and the Manual of Patent Examining Procedure 609, Applicants bring to the attention of the Examiner the following information. The Examiner's independent and thorough review of this information is solicited.

Attached hereto please find Form PTO-1449 listing the cited references. Copies of the cited references are also enclosed. The Examiner is requested to indicate consideration of each reference by initialing in the appropriate box for each reference, and returning an initialed copy with the next Official Action.

This Information Disclosure Statement is filed pursuant to 37 C.F.R. § 1.56 to bring to the Examiner's attention those references which may be material to the Examiner for examination of this case. However, the citation of the above references in this Information Disclosure Statement is not intended to constitute an admission that any patent or other reference referred to herein is "prior art" for this invention. In this regard, Applicants expressly reserve the right to contest that any of the references constitute "prior art."

No fee is believed to be necessary for the consideration of this Information Disclosure Statement since it is being filed before the receipt of an Office Action on the merits. In case the

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papers cross in the mail, it is requested that consideration of this Information Disclosure Statement be given under 37 C.F.R. § 1.97 (c)(2). If any fee is required, please charge our Deposit Account No. 50-1775 and notify us of the same.

Dated: June 18, 2002

Respectfully Submitted,

By:

  
Kevin J. Hubbard, Reg. No. 50,717



33072

PATENT TRADEMARK OFFICE

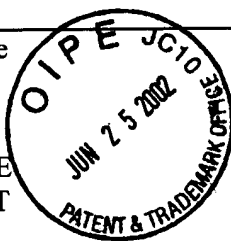
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Form PTO-1449 U.S. Department of Commerce  
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT



Atty. Docket No.	Serial No.
AKI0005/US/4	10/073,641
Applicant	
Mark T. Girard et al.	
Filing Date	Group
February 11, 2002	2841

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,691,091	9/1/87	Lyons et al.			
	5,182,230	1/26/93	Donelon et al.			
	5,463,242	10/31/95	Castleberry			
	5,465,186	11/7/95	Bajorek et al.			
	5,491,605	2/13/96	Hughbanks et al.			
	5,589,777	12/31/96	Davis et al.			
	5,638,237	6/10/97	Phipps et al.			
	5,644,454	7/1/97	Arya et al.			
	5,650,896	7/22/97	Viskochil			
	5,654,850	8/5/97	Ganapathi et al.			
	5,686,697	11/11/97	Miller et al.			
	5,699,212	12/16/97	Erpelding et al.			
	5,710,682	1/20/98	Arya et al.			
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	5,742,452	4/21/98	Simmons et al.			
	5,748,412	5/5/98	Murdock et al.			
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	5,812,349	9/22/98	Shouji et al.			
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	5,837,064	11/17/98	Bowers			
	5,843,537	12/1/98	Kim et al.			
	5,855,301	1/5/99	Mykkanen et al.			
	5,867,888	2/9/99	Voldman et al.			
	6,146,813	11/14/00	Girard et al.			

FOREIGN PATENT DOCUMENTS

Name	Document Number	Date	Country	Class	Subclass	Translation Yes/No
	WO 00/57405	9/28/00	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	H.M. Phillips, T. Feurer, S. P. LeBlanc, D.L. Callahan and R. Sauerbrey, "Excimer Laser Induced Permanent Electrical Conductivity and Nanostructures in Polymers," Sept. 1993, published in SPIE vol. 1856 Laser Radiation Photophysics (1993), pp. 143-154
	H.M. Phillips, Yunjun Li, and Binglin Zhang, "Laser Induced Permanent Electrical Conductivity in Insulating Metal-Polymer Composites," Apr. 1996, published in SPIE vol. 2888, pp. 404-413

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.